

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Claims 1-15 (Cancelled)

Claim 16. (Currently Amended) A digital camera for use with a computer,
comprising:

a camera body including a ~~light~~an image sensor for receiving~~configured to receive~~
light from a ~~lens~~subject;

a ~~central~~processing unit for controlling~~configured to control~~ an operation of the
digital camera in one of plural operating modes, the plural operating modes including
separate operating modes of at least a recording mode for ~~recording picture data from the~~
~~light sensor into a picture~~storing an image data corresponding to a subject shot to a memory,
a playback mode for playback of ~~pictures~~a picture corresponding to the image data stored in
the ~~picture~~memory, and a communication mode for communicating with a computer;

a mode selector ~~including at least one selector on the body for selecting an~~configured
to select one of the operating mode; from a group including at least the recording mode and
the playback mode; and

a connector ~~for providing a connection from~~configured to connect the digital camera
to a computer;

wherein the ~~central~~processing unit is programmed to detect a signal from a computer
~~upon connection of the camera to the computer and in response to the connecting operation~~
~~automatically switch the operating mode of the digital camera out of a current operating~~
~~mode selected by the mode selector and into the communication modes~~switches the operating
mode out of a current operating mode selected by the mode selector into the communication
mode after detecting a signal provided from the computer via the connector.

Claim 17. (Currently Amended) A digital camera as in claim 16, wherein the connector has plural pins and the ~~central~~ processing unit monitors the signal status on one of the pins to detect the ~~connecting~~connection of the ~~computer~~computer so as to switch the operating mode.

Claim 18. (Currently Amended) A digital camera as in claim 17, wherein the ~~central~~ processing unit monitors the signal status by periodically ~~checking~~monitoring the signal ~~at~~on the pin to detect ~~connecting~~connection to the computer.

Claim 19. (Cancelled).

Claim 20. (Currently Amended) A digital camera as in claim ~~19~~16, wherein the ~~picture-memory;~~ is a-removable memory.

Claim 21. (Currently Amended) A digital camera as in claim 16, wherein the ~~central~~ processing unit ~~includes~~consists of a single chip.

Claim 22. (Currently Amended) A digital camera as in claim 16, wherein the ~~central~~ processing unit includes plural components.

Claim 23. (Currently Amended) A digital camera as in claim 16, wherein ~~upon detection of connecting to a computer,~~ the ~~central~~ processing unit sets up appropriate communications algorithms so that the camera is prepared to communicate with the computer based on detection of connecting to the computer.

Claim 24. (Currently Amended) A digital camera as in claim 16, wherein the ~~central~~ processing unit is ~~programmed~~configured to provide ~~communication to a~~communicating with the computer in accordance with a standard communication protocol.

Claim 25. (Currently Amended) A digital camera as in claim 24, wherein the standard communication protocol is RS-232C.

Claim 26. (Cancelled).

Claim 27. (Currently Amended) A digital camera as in claim 16, wherein the ~~light~~image sensor is a CCD sensor.

Claim 28. (Currently Amended) ~~A digital camera~~An image-capturing device comprising:

~~a camera having a body, a lens unit, a CCD sensor for receiving images from the lens unit, a picture memory for recording image data, and a connector for connection of the camera to a computer~~an image sensor configured to receive light from a subject;

a memory configured to store an image data corresponding to the subject;

~~control means for controlling the~~a possessing unit configured to control an operation of the ~~digital camera to operate~~image-capturing device in one of plural operating modes, the plural operating modes including (a) a recording mode in which ~~picture~~the image data ~~from the CCD is recorded~~corresponding to the subject shot is stored into the memory, (b) a playback mode in which ~~previously recorded picture data is provided from the memory as a video signal for playback~~a picture corresponding to the image data stored in the memory is

provided on a display, and (c) a communication mode in which the ~~digital camera~~image-
capturing device ~~can communicate~~communicates with an~~the~~ external ~~computer~~device to
transfer of picture data~~information~~ from the memory to the ~~computer~~external device;

~~at least one mode selector for selecting an operating mode for the camera~~a mode
selector configured to select one of the operating mode from among the available operating
modes except for (c) the communication mode; and

a connector configured to connect the image-capturing device to an external device,

~~wherein the control means includes detection means for detecting a signal from a~~
~~computer in response to the operation of connecting of the digital camera to the computer via~~
~~the connector, and in response to the detection the control means switches the operating mode~~
~~of the camera out of the current operating mode selected by the selector and into the~~
~~communication mode~~processing unit switches the operating mode out of a current operating
mode selected by the mode selector into the communication mode after detecting a signal
provided from the external device via the connector.

Claims 29 - 31. (Cancelled).

Claim 32. (Currently Amended) ~~A digital camera~~An image-capturing device as in
claim ~~31~~28, wherein the ~~standard communication protocol is RS-232~~connector has plural pins
and the processing unit monitors the signal status on one of the pins to detect the connection
of the external device so as to switch the operating mode.

Claim 33. (Currently Amended) ~~A digital camera~~An image-capturing device as in
claim ~~28~~32, wherein the ~~connector includes plural pins and the control means~~processing unit
monitors the signal at one of the pins and switches the operating mode to the communication

~~mode when a signal is detected on the pin~~status by periodically checking the signal on the pin
to detect connection to the external device.

Claim 34. (Currently Amended) A method of controlling a ~~digital camera~~an image-
capturing device having a connector for connection to a ~~computer~~an external device,
comprising the steps of:

~~operating the digital camera without communication with a computer~~image-capturing
device in one of a ~~plurality of~~plural non-communication operating modes in accordance with
the setting of a mode selector on the image-capturing device ~~camera, including at least a~~
~~picture taking mode in which pictures are recorded from an image sensor in the camera into a~~
~~picture memory and a playback mode in which pictures from the picture~~the plural non-
communication operation modes including at least (a) a recording mode in which the image
data corresponding to a subject shot is stored into a memory and (b) a playback mode in
which a picture corresponding to the image data stored in the memory areis provided to ~~on a~~
display;

~~detecting by the camera the operation of connection to a computer by monitoring a~~
~~pin of a connector of the camera and detecting the presence of a signal from the computer on~~
~~the pin~~a signal provided from the external device via the connector to the image-capturing
device;

~~switching the operating mode of the camera, in response to the detection of the~~
~~presence of the signal,~~image-capturing device ~~out of the mode selected by the mode selector~~
~~so as to prevent recording from the image sensor or playback to a display and into a~~
~~communications mode in which the camera communicates with the computer~~a current
operating mode selected by the mode selector into (c) a communication mode in which the

image-capturing device communicates with the external device, in response to the detection of the signal; and

communicating picture information from the ~~camera~~image-capturing device to the computer while in the ~~communications~~communication mode.

Claim 35. (New) A data reproducing device comprising:

a memory configured to store data;

a reproducing unit configured to reproduce the data stored in the memory;

a processing unit configured to control an operation of the data reproducing device in one of plural operating modes, the plural operating modes including (a) a reproducing mode in which the data stored in the memory is reproduced by the reproducing unit and (b) a communication mode in which the data reproducing device communicates with the external device to transfer the data from the memory to the external device; and

a connector configured to connect the data reproducing device to the external device,

wherein the processing unit switches the operating mode out of the reproducing mode into the communication mode after detecting a signal provided from the external device via the connector.